

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An improved luminescent wheel axle assembly, comprising:

a latch base;

a ratchet bolt structure; and

a plastic optical fiber structure,

wherein said latch base further comprises an upper latch base and a lower latch base, said latch base ~~on its end surface~~ having a plurality of insert holes on a lateral end surface of said latch base for receiving said plastic optical fiber structure ~~and~~ said plastic optical fiber structure ~~coupling~~ being coupled to a power supply to generate ~~the~~ luminescence effect, said ratchet bolt structure being capable of making appropriate adjustment to fit different axle diameters for latching and separating said upper latch base and said lower latch base, ~~so as to facilitate~~ thereby facilitating installing said wheel axle assembly ~~to be installed~~ on both sides of an axle of a wheel and accomplishing a safety effect for night driving.

2. (Currently Amended) An improved ~~luminescence~~ luminescent wheel axle assembly of claim 1, wherein said latch base ~~at its center comprises~~ includes a centrally located circular hole for engaging said axle of said wheel.

3. (Currently Amended) An improved ~~luminescence~~ luminescent wheel axle assembly of claim 1, wherein said upper latch base comprises a receiving rotary axle disposed at a lower left end surface of said upper latch base, a ratchet structure disposed at a right end surface of said

upper latch base, and the insert holes disposed on ~~an~~a lateral end surface of an outer edge of said upper latch base.

4. (Currently Amended) An improved ~~luminescence~~luminescent wheel axle assembly of claim 1, wherein said lower latch base comprises a rotary axle disposed at ~~a~~an upper left end surface of said lower latch base, a ratchet disposed at a right end surface of said lower latch base, and the insert holes disposed on ~~an~~a lateral end surface of an outer edge of said lower latch base.

5. (Currently Amended) An improved ~~luminescence~~luminescent wheel axle assembly of claim 1, wherein said ratchet structure comprises a control post, a fixed ratchet plate, a spring, and a fixed plate.

6. (Currently Amended) An improved ~~luminescence~~luminescent wheel axle assembly of claim 1, wherein said plastic optical fiber structure comprises a plastic optical fiber and a base, said plastic optical fiber structure having different colors.

7. (Currently Amended) An improved ~~luminescence~~luminescent wheel axle assembly of claim 6, wherein said base of said plastic optical fiber structure comprises ~~different~~at least one luminescence ~~structures~~structure.